



ART OF  
HEATING

## LABORATORY FURNACE LE

Furnaces LE are suitable for testing technology where the exact distribution of temperature, the controlled increase and decrease of temperature, and controlled cooling are important, and where it is also desirable that the heating elements are not in the interior space with the samples. This especially applies to heating material for the heat treatment of metal, various tests of sintering, calcination, determination of the softening point or of material sintering, combusting samples, enamel firing etc.

### Optional accessories:

- Ht40P controller
- Injector with an exhaust fan and draft diverter
- Manually or automatically controlled gas inlet
- Calibration of the measurement loop (thermocouple + controller)
- Interface EIA-485 or LAN
- Set HtMonit EV (includes interface + software)

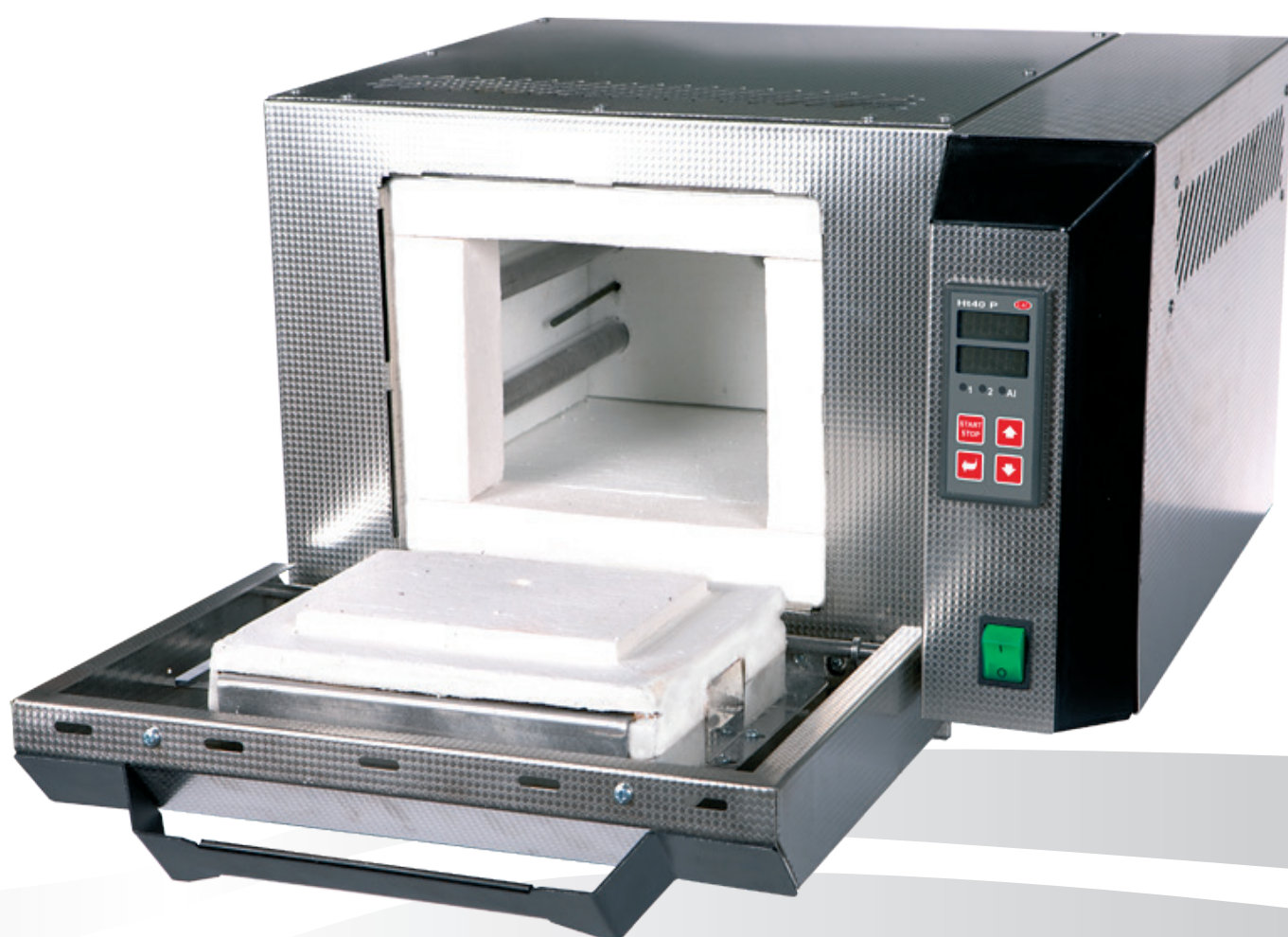
### Standard design of furnace:

- Ht60B controller
- Manually operated door opening downwards with an end switch
- Heating elements in quartz glass tubes
- Airing chimney on the back part of the furnace
- Sliders for air inlet control
- Supply cable fitted with single-phase plug
- Thermocouple Type "K"
- Solid state relay



Furnace type	Controller	Tmax	Volume	External dimensions	Internal dimensions	Input	Weight	Voltage	Protection	Max. load capacity of bottom
		°C	l	(w × h × d) mm	(w × h × d) mm	kW	kg	V		kg
LE 05/11	Ht60B	1100	5	470x330x455	170x130x230	1,8	20	230	16/1	6
LE 09/11	Ht60B	1100	9,4	490x370x515	190x170x290	2,3	24	230	16/1	6
LE 15/11	Ht60B	1100	14,4	550x370x565	250x170x340	3	28	230	16/1	6

Subject to technical changes.



ART OF  
HEATING

LAC, s.r.o.

Topolová 933  
667 01 Židlochovice  
Czech Republic

phone: +420 547 230 016

e-mail: info@lac.cz

www.lac.cz